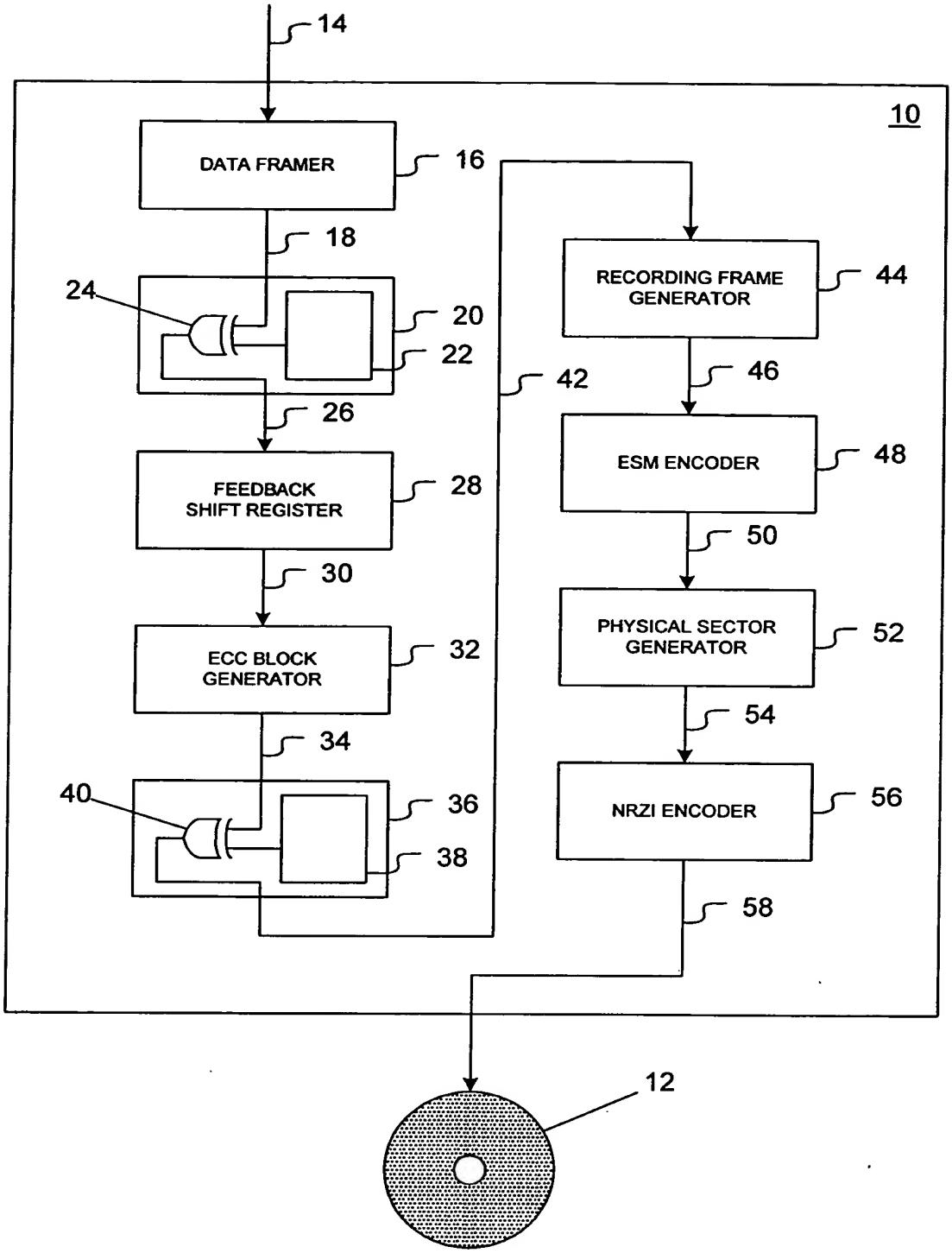
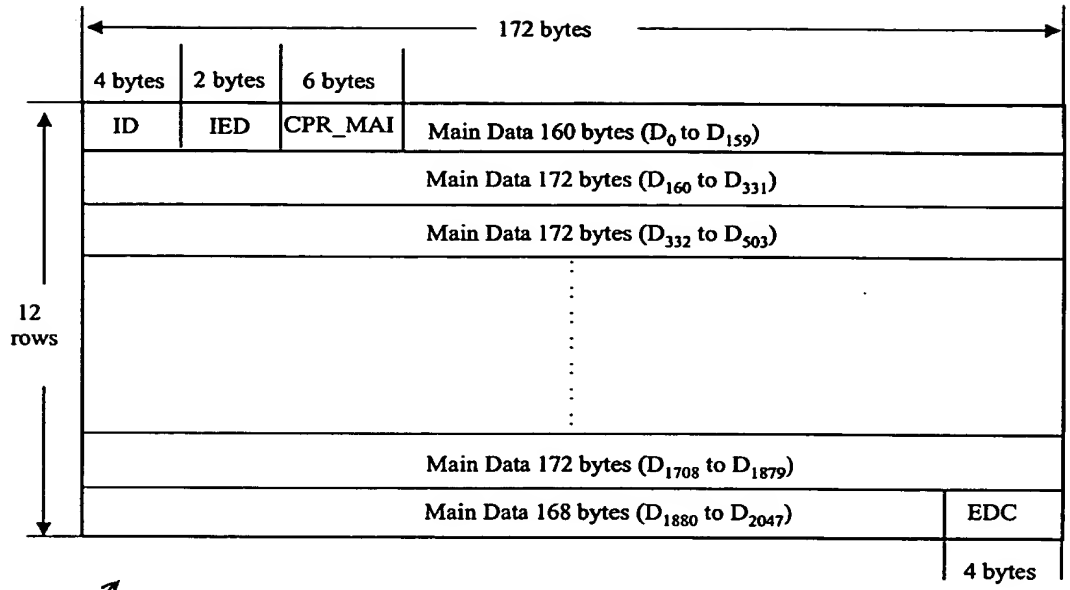

14
10
DATA FRAMER
16
18
24
20
22
26
FEEDBACK SHIFT REGISTER
28
30
ECC BLOCK GENERATOR
32
34
40
36
38
42
RECORDING FRAME GENERATOR
44
46
ESM ENCODER
48
50
PHYSICAL SECTOR GENERATOR
52
54
NRZI ENCODER
56
58
12

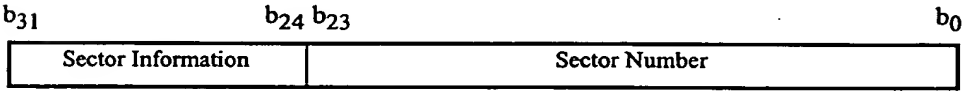
FIG. 1



18

FIG. 2

FIG. 3



b_{31}	b_{30}	b_{29}	b_{28}	b_{27} and b_{26}	b_{25}	b_{24}
Sector Format type	Tracking method	Reflectivity	Reserved	Zone type	Data type	Layer number

FIG. 4

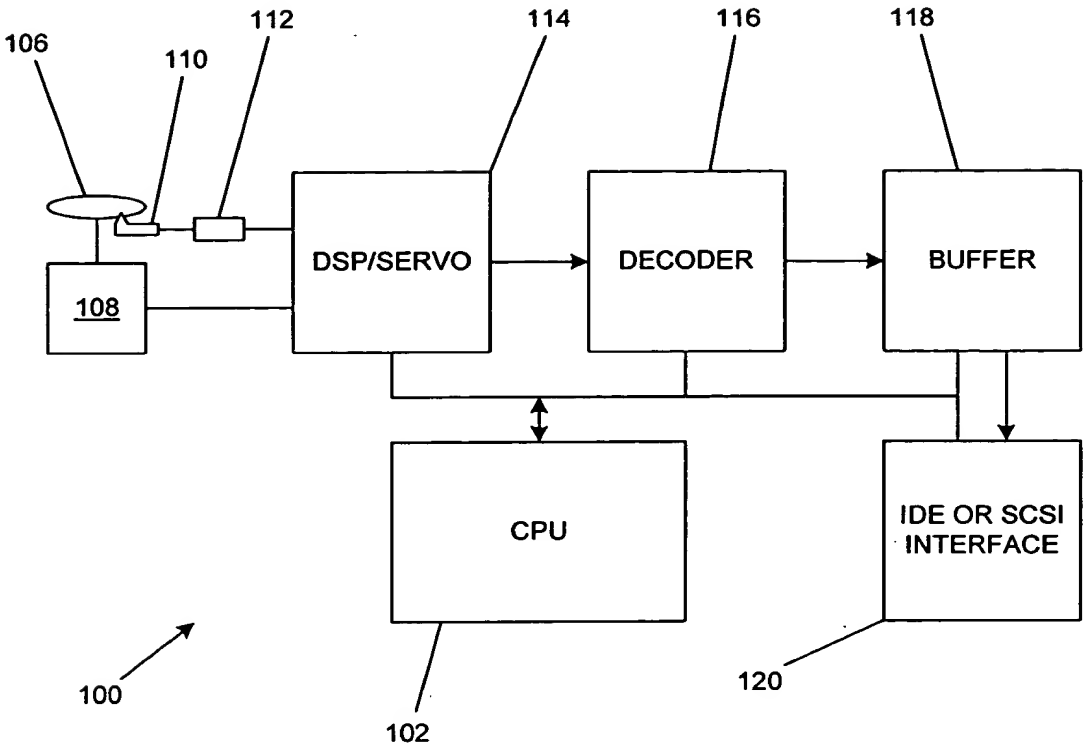

106
110
112
114
116
118
DSP/SERVO
DECODER
BUFFER
108
CPU
IDE OR SCSI INTERFACE
100
102
120

FIG. 5

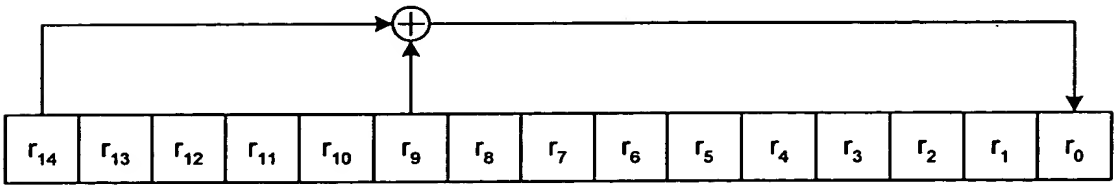

r14 r13 r12 r11 r10 r9 r8 r7 r6 r5 r4 r3 r2 r1 r0
28

FIG. 7

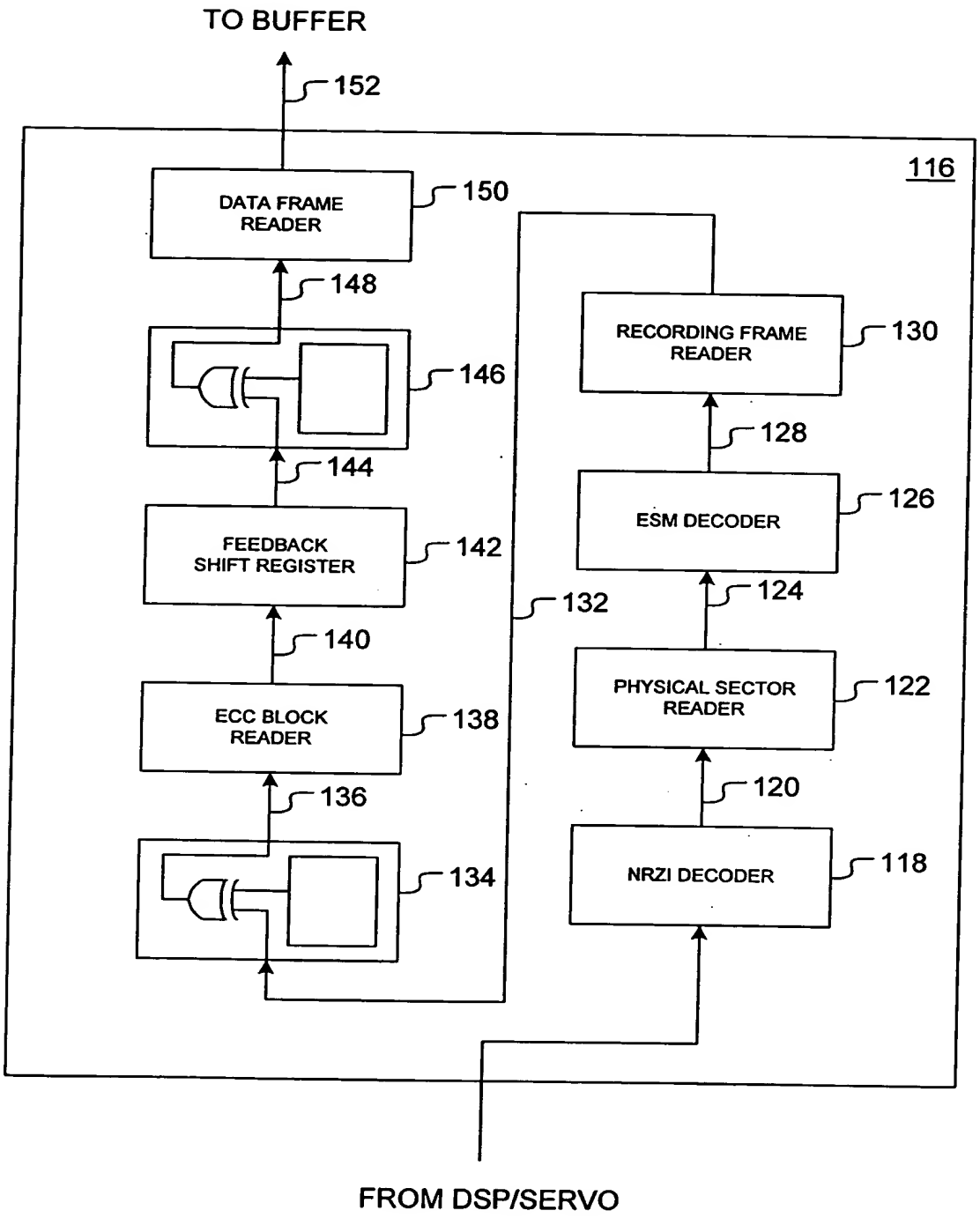

TO BUFFER
152
116
DATA FRAME READER
150
148
146
144
FEEDBACK SHIFT REGISTER
142
140
ECC BLOCK READER
138
136
134
RECORDING FRAME READER
130
128
ESM DECODER
126
124
132
PHYSICAL SECTOR READER
122
120
NRZI DECODER
118
FROM DSP/SERVO

FIG. 6